

Report of Examination Routing Slip

File No.

G:\VICKI\roc\G227372.WP

Letter No./Fee

Initial

Date

Author

VC

9/12/97

Hydrogeologist

Reviewers

Proofed

Signed by
Author

Section Supervisors
Approval and Sig.

Tracking

Mail Copies of Report To: (Permit Writer list - include addresses)

Enclosure: (list)

Mailed Originals and cc's



REPORT OF EXAMINATION
Routing Slip
Rev. 8/90

City of Lacey

FILE NO. 6227372

	<u>Initial</u>	<u>Date</u>
Author	<u>VW</u>	<u>2-6-91</u>
Tracking	<u>VW</u>	<u>2-6-91</u>
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Checked by Reviewer (1) Municipal reviewer	<u>JRH</u> <u>MP</u>	<u>3/4/92</u> <u>Sept. 10/22/92 11/9/92</u>
Checked by Reviewer (2) HG Review	<u>KS</u>	<u>3-17-92</u>
Typist & Proofing Lead Permit Writer	<u>Q</u>	<u>11/5/92</u> <small>SAME AS 6227371 62-7373</small>
Author's Signature	<u>VW</u>	<u>11-19-92</u>
Approval and Signature Section Supervisor	<u>gd</u>	<u>1/5/93</u>

Mail Copies of Report to:

- | | |
|------------------|--|
| 1) Fish | 2) Wildlife |
| 3) Protestant(s) | 4) Others <u>Aquifer Test Procedures</u> |

Mail Originals and cc's

Tracking



CHRISTINE O. GREGOIRE
Director



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

7272 Cleanwater Lane, LU-11 • Olympia, Washington 98504-6811 • (206) 753-2353

June 23, 1992

Azita Behmardi
City Of Lacey
P. O. Drawer B
Lacey, WA 98503-0507

Re: Water Use Summary Reports

Dear Azita:

Thank you for your recent submittal of City of Lacey's water use and water level data for the period 1990 through 1991.

As you may know, under RCW 90.03.250 and 90.54.030, the Department of Ecology is directed to become informed as to all phases of the water resources of the state, and is authorized to make such investigations as may be necessary to determine the location, extent, depth, volume, and flow of all ground water within the state.

To accomplish this directive, the Department is requesting historic and current water use data from all municipalities. The data once collected, will enable the Department to better manage the states water resources. Accordingly, the Department of Ecology is requesting the City of Lacey to compile and submit all historic water level and water use information for the Cities distribution system, exclusive of that previously submitted.

Upon receipt of the requested information, the Department will proceed with the processing of you pending applications.

Sincerely,

A handwritten signature in cursive script that reads "Vicki Windust".

Vicki Windust
Water Resources
Southwest Regional Office

VW:pz

cc: Gale Blomstrom, Water Resources Supervisor



CHRISTINE O. GREGOIRE
Director



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

7272 Cleanwater Lane, LU-11 • Olympia, Washington 98504-6811 • (206) 753-2353

May 7, 1992

AZITA O BEHMARDI
CITY OF LACEY
PO DRAWER B
LACEY WA 98503-0507

Re: Request for Information in conjunction with our
May 4, 1992 Meeting

Azita:

As discussed during our meeting, the Department of Ecology is requesting the following information:

1. A map showing City of Lacey well sites, and system mainlines, including the satellite systems the City of Lacey now operates.
2. Summary reports for total monthly volumes pumped, and static water levels for all well sources, non pumping and pumping. This shall include historic data for all previous months, and years, as far back as the data was collected.
3. The City of Lacey should request a preliminary permit to drill and test a production well at the Pleasant Glade site. Once issued, the preliminary permit generally is good for a year. Preliminary permits address the following:
 - Aquifer Test Procedures
 - Monitoring Wells, and Data Collection
 - Completion Report to be submitted to Ecology

With the City of Lacey's June 1986 Water System Plan obtained at our meeting and the above information, this office will proceed with the application and review process for the three pending applications.



Azita Behmardi
May 7, 1992
Page 2

We should schedule another meeting in the next few weeks to go over the 1986 water system plan regarding new information since the plan was developed.

If you have any questions, please call me at 753-0136.

Sincerely,

Vicki Windust
Vicki Windust
Water Resources

VW:rla
cc: Gale Blomstrom
Kirk Sinclair



WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. 014201, 307

Water Right Permit No. _____

(1) OWNER: Name City of Lacey Address _____

(2) LOCATION OF WELL: County Thurston SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 8 T. 18 N., R. 1W W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) Abernathy Rd Pleasant Glade School

(3) PROPOSED USE: ☐ Domestic ☐ Industrial ☐ Municipal ☐
☐ Irrigation ☐ Test Well ☒ Other ☐
☐ DeWater

(4) TYPE OF WORK: Owner's number of well (if more than one) _____
Abandoned ☐ New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☒ Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 12 x 8 inches.
Drilled 570 feet. Depth of completed well _____ ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 12 " Diam. from 0 ft. to 320 ft.
Welded ☒ 8 " Diam. from +1.5 ft. to 487.5 ft.
Liner installed ☐
Threaded ☐ " Diam. from _____ ft. to _____ ft.

Perforations: Yes ☐ No ☒
Type of perforator used _____
SIZE of perforations _____ in. by _____ in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

Screens: Yes ☒ No ☐
Manufacturer's Name Johnson
Type 304 Model No. _____
Diam. 6 pipe size Slot size 20 from 487 ft. to 497 ft.
Diam. _____ Slot size 30 from 516 ft. to 529 ft.

Gravel packed: Yes ☐ No ☒ Size of gravel _____
Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes ☒ No ☐ To what depth? 20 ft.
Material used in seal cement
Did any strata contain unusable water? Yes ☐ No ☒
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____
Type: _____ H.P. _____

(8) WATER LEVELS: Land-surface elevation above mean sea level _____ ft.
Static level 55 ft. below top of well _____ Date _____
Artesian pressure _____ lbs. per square inch Date _____
Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☐ If yes, by whom? _____
Yield: 350 gal./min. with 175 ft. drawdown after 8 hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test _____

Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.

Airtest _____ gal./min. with stem set at _____ ft. for _____ hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water _____ Was a chemical analysis made? Yes ☒ No ☐

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL	FROM	TO
Brown silt	0	14
Brown silty sand	14	26
Blue gray silt	26	54
Blue gray silty gravel	54	160
Silty sand	160	184
fine to coarse sand	184	199
fine sand silt layers	199	221
fine silty sand	221	390
fine sand some gravel	390	570

Work started 8-16 88 Completed 9-20 88

WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME Holt Drilling Inc.
(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address 10621 Todd Rd E

(Signed) Burt Holt License No. 1099
(WELL DRILLER)

Contractor's Registration No. HOLT DI 13606 Date 10-1, 19 88

(USE ADDITIONAL SHEETS IF NECESSARY)

Affidavit of Publication

STATE OF WASHINGTON

County of Thurston

ss.

Legal No. 6447
STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
NOTICE OF APPLICATION TO
APPROPRIATE PUBLIC WATERS
TAKE NOTICE:
That City of Lacey of Lacey, Wash-
ington on June 21, 1988 under Ap-
plication No. G2-27372 filed for
permit to appropriate public wa-
ters, subject to existing rights,
from a well in the amount of 1000
gallons per minute year round as
needed each year, for Municipal
Supply.
The source of the proposed appro-
priation is located within SE¼ NE¼
of Section 8, Township 18 N.,
Range 1 W. W.M., in Thurston
County.
This application is subject to Chap-
ter 173-591 WAC, Reservation of
Future Public Water Supply for
Thurston County, effective August
13, 1986.
Protests or objections to approval
of this application must include a
detailed statement of the basis for
objections; protests must be ac-
companied by a two dollar (\$2.00)
recording fee and filed with the De-
partment of Ecology, at the address
shown below, within thirty (30)
days from September 30, 1988.
DEPARTMENT OF ECOLOGY
Southwest Regional Office
7272 Cleanwater Lane MSU/LU 11
Olympia, WA 98504-6811
Publish: September 23, 30, 1988

The undersigned being first duly sworn on oath
deposes and says: That she is the Principal Clerk
of The Olympian which is a legal newspaper printed
and published in the City of Olympia, Thurston
County, Washington: of general circulation in said
City, County and State; that the _____

Water Rights Application

_____ in the case of

#G2-27372

_____ of which the attached is a printed copy, was
published in said newspaper:

On the 23rd day of September 1988;
the 30th day of September 1988;
the _____ day of September 1988;

that the said newspaper was generally circulated
during all of said time, and has been published
Saturday excepted, for more than six months prior
to the dates of the publication of this legal
document, and that said notice was published in the
newspaper proper, and not in supplement form.

The amount of fee charged for this publication
is \$ 17.52.
=====

Leri F Brue
Principal Clerk

Subscribed and sworn to me this 5th day of
November 1988.

Legal # 6447

Acct # 41201030

*The Olympian has been appointed as a legal
newspaper by order of the Superior Court of the
State of Washington for Thurston County, dated
July 12, 1941, in the county in which said
newspaper is published in accordance with RCW
65.16.030 and RCW 65.16.040.*

Marla K. Farmer
Notary Public in and for the State of Washington,
residing at Olympia, Thurston County, Washington.

NOTE - The above affidavit and fee is in compliance with RCW 65.16.030 and Sec. 3, Chapter 34, Laws of 1977.

CHRISTINE O. GREGOIRE
Director



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

7272 Cleanwater Lane, LU-11 • Olympia, Washington 98504-6811 • (206) 753-2353

November 7, 1988

City of Lacey
P.O. Box, Drawer B
Lacey, Washington 98503

Dear Gentlemen:

Ground Water Application No. G 2-27372

On August 31, 1988, this office sent a notice to you for publication in a newspaper within Thurston County.

We have not received the necessary Affidavit of Publication and therefore cannot continue to process your application.

If you do not reply within thirty (30) days of receipt of this letter, we shall assume you are no longer interested in the application and it will be cancelled.

Sincerely,

Vicki Windust

Vicki Windust
Resource Management

VW:dr



CHRISTINE O. GREGOIRE
Director



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

7272 Cleanwater Lane, LU-11 • Olympia, Washington 98504-6811 • (206) 753-2353

August 31, 1988

City of Lacey
P.O. Drawer B
Lacey, Washington 98503

Dear Gentlemen:

Ground Water Applications No. G 2-27370, G 2-27371, G 2-27272, G 2-27373

Your application for the appropriation of water has been assigned the above-referenced numbers. Please refer to these numbers in future correspondence.

Enclosed is a notice of your applications which must be published once a week for two consecutive weeks in a qualified legal newspaper of general circulation in Thurston County. A list of these newspapers in your county is enclosed.

Please read the notice carefully to make sure it is correct. Should you find an error, please return the notice to our office for correction.

You should mail or deliver the enclosed Notice to a newspaper regarding publication as soon as possible. When you receive the affidavit of publication with newsclipping from the newspaper, please forward the original to us promptly. This will shorten the time for further processing of your application.

Since your application is for service of more than one residence, it is considered a public water supply. Public water supply systems are required to be approved by either the local health department or the Department of Social and Health Services (DSHS) depending upon system size. If you have not already done so, we suggest that you contact either your local health department or DSHS, Water Supply and Waste Section, Mail Stop LD-11, Olympia, Washington 98504 for further information.

Sincerely,

Vicki Junk

Vicki Junk
Resource Management
SOUTHWEST REGIONAL OFFICE

VJ:dr
Enclosure
cc: DSHS, Water Supply and Waste Section
ECY 040-1-104
Rev. 11-82

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

NOTICE OF APPLICATION TO APPROPRIATE PUBLIC WATERS

TAKE NOTICE:

That City of Lacey
of Lacey, Washington on June 21, 1988 under
Application No. G2-27372 filed for permit to appropriate public waters, subject to existing rights,
from a well
in the amount of 1000 gallons per minute year round as needed
each year, for Municipal Supply.

The source of the proposed appropriation is located within SE $\frac{1}{4}$ NE $\frac{1}{4}$

of Section 8, Township 18 N., Range 1 W. W.M., in Thurston County.

This application is subject to Chapter 173-591 WAC, Reservation of Future Public Water Supply for Thurston County, effective August 13, 1986.

Protests or objections to approval of this application must include a detailed statement of the basis for objections; protests must be accompanied by a two dollar (\$2.00) recording fee and filed with the Department of Ecology, at the address shown below, within thirty (30) days from

(Last date of publication to be entered above by publisher)

